

# REPLACEMENT SHEET

Title: SYSTEM AND METHOD FOR COMPACTING FIELD UPGRADEABLE  
WIRELESS COMMUNICATION DEVICE

Inventor(s): RAJARAM, Gowri and KAPLAN, Diego

Attorney Docket No.: UTL 00103

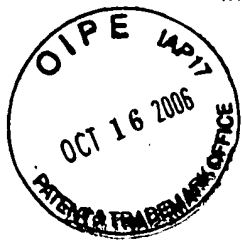
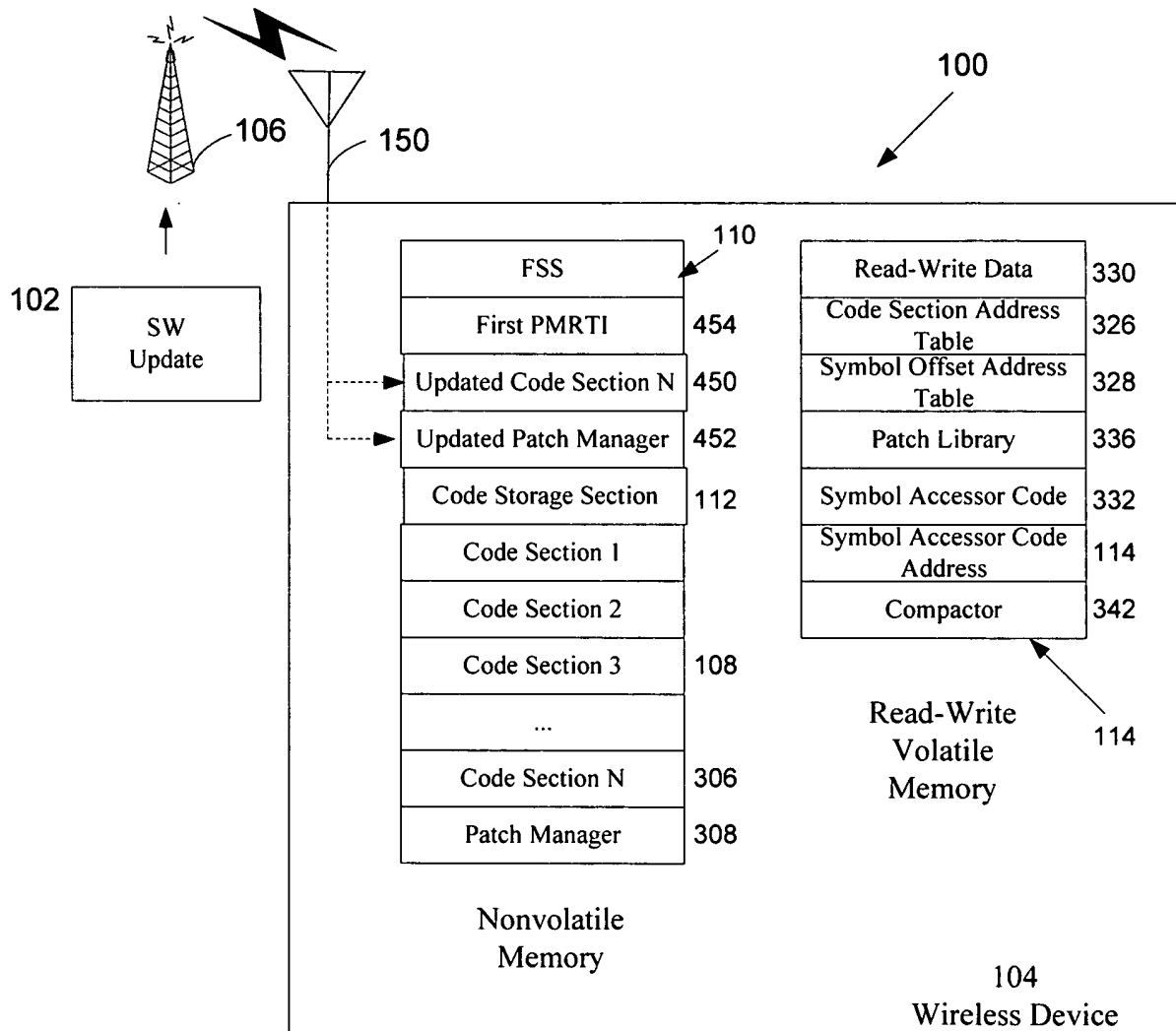


Figure 1  
Wireless Device With OTA Updatable  
Software Architecture



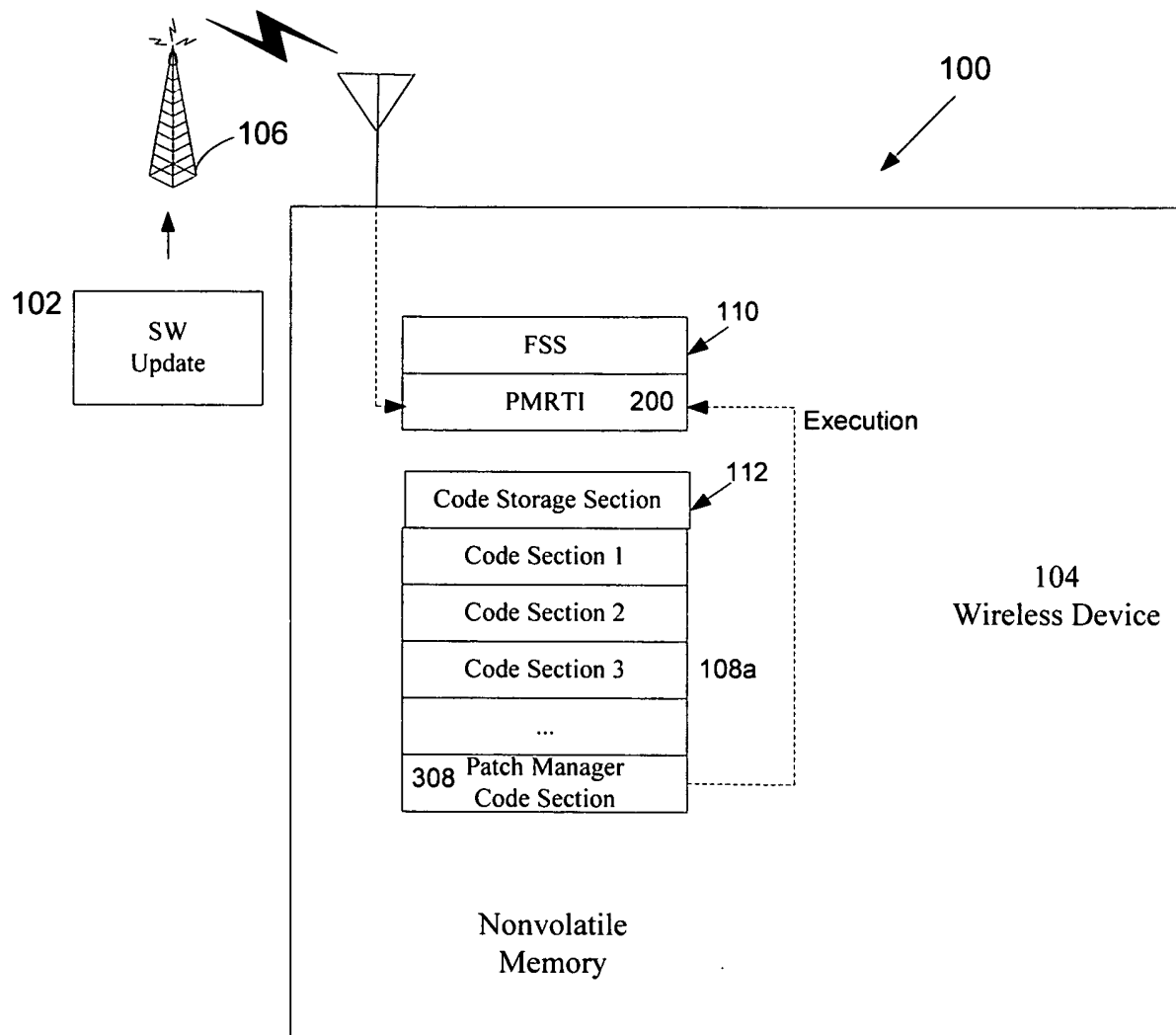
**REPLACEMENT SHEET**

**Title: SYSTEM AND METHOD FOR COMPACTING FIELD UPGRADEABLE  
WIRELESS COMMUNICATION DEVICE**

Inventor(s): RAJARAM, Gowri and KAPLAN, Diego

Attorney Docket No.: UTL 00103

**Figure 2**  
**Wireless Device OTA Software**  
**Maintenance System**



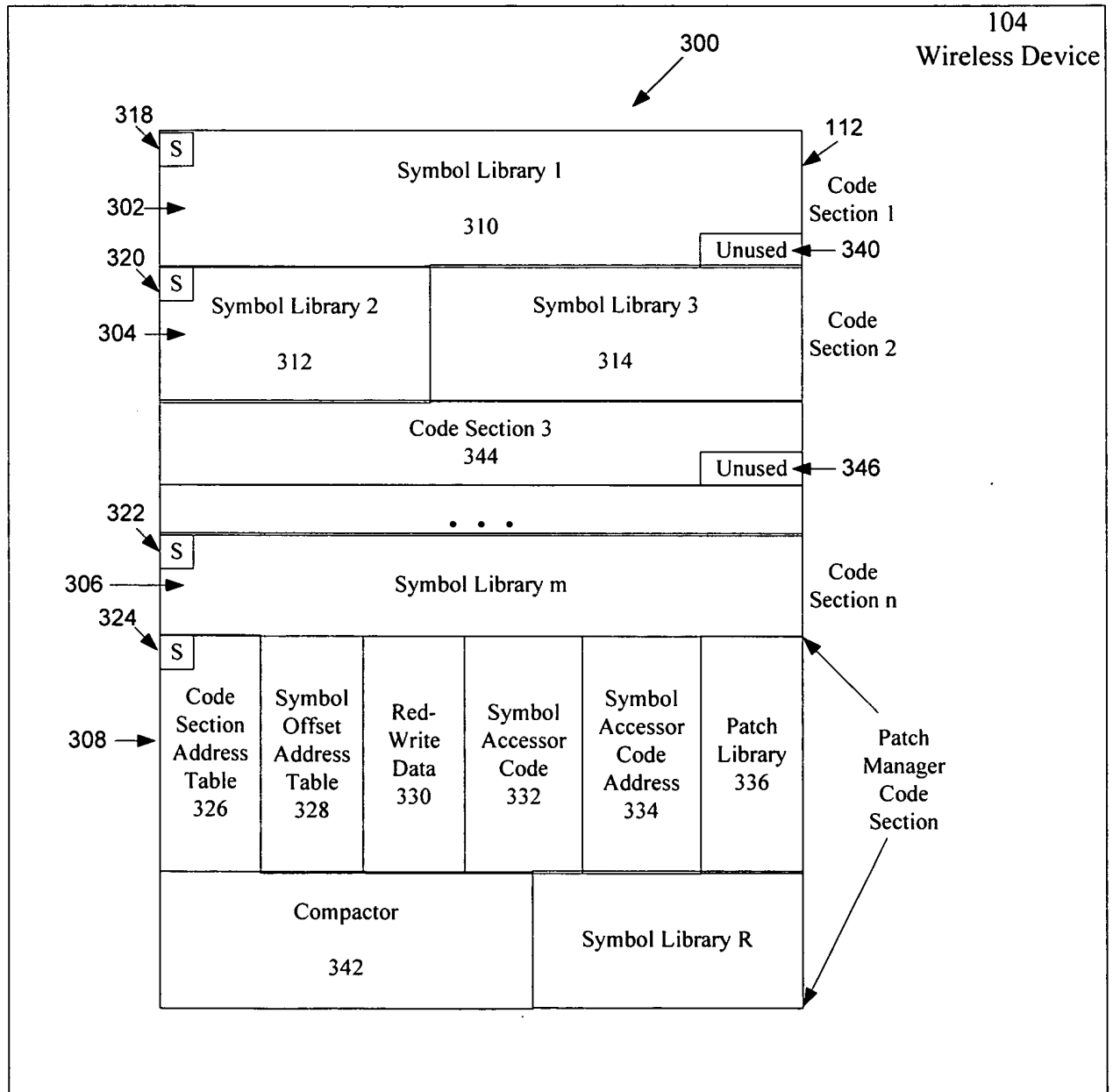
# REPLACEMENT SHEET

Title: SYSTEM AND METHOD FOR COMPACTING FIELD UPGRADEABLE  
WIRELESS COMMUNICATION DEVICE

Inventor(s): RAJARAM, Gowri and KAPLAN, Diego

Attorney Docket No.: UTL 00103

Figure 3  
Wireless Device OTA Software  
Maintenance/Reorganizing Block Diagram



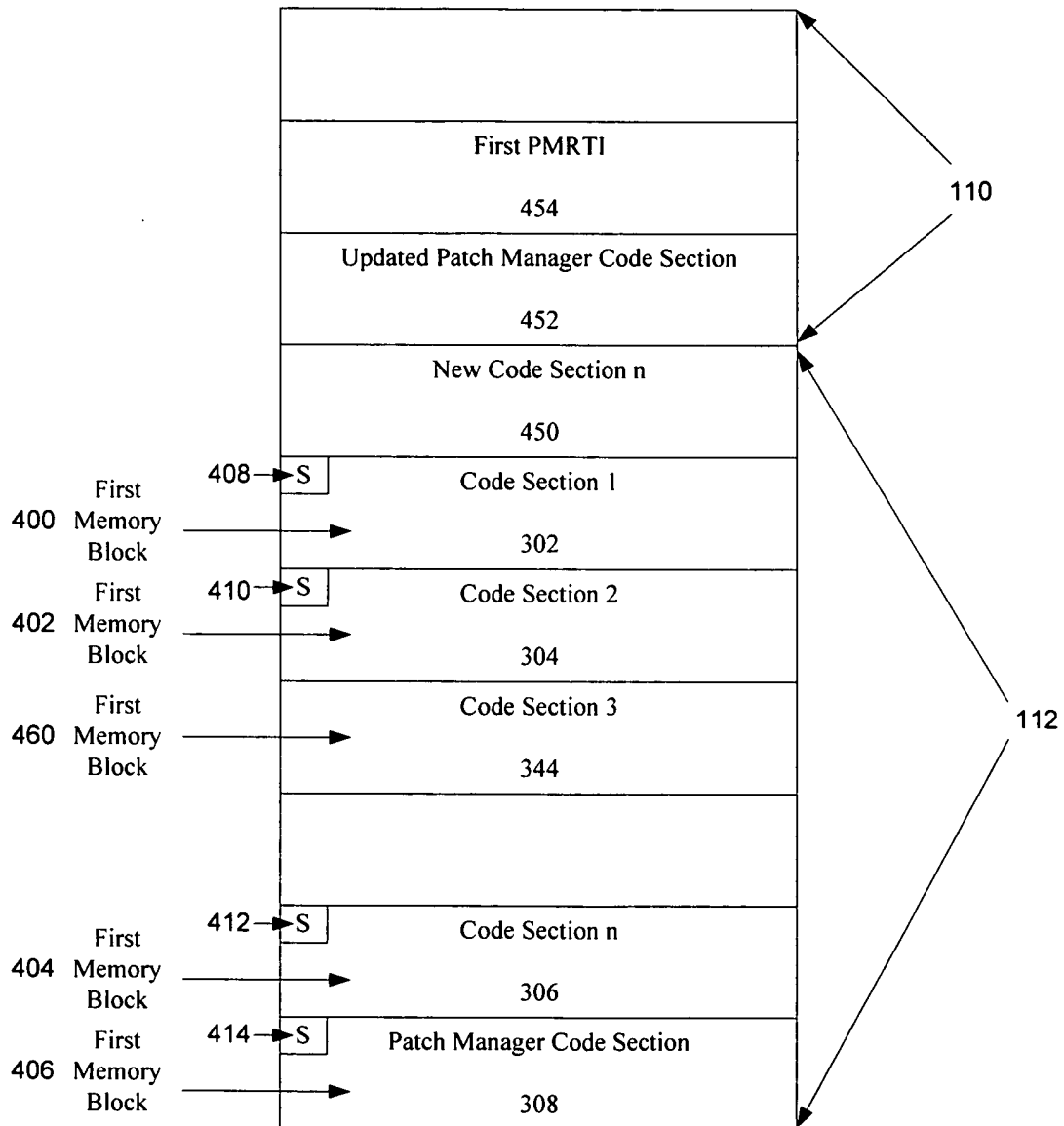
**REPLACEMENT SHEET**

Title: SYSTEM AND METHOD FOR COMPACTING FIELD UPGRADEABLE  
WIRELESS COMMUNICATION DEVICE

Inventor(s): RAJARAM, Gowri and KAPLAN, Diego

Attorney Docket No.: UTL 00103

Figure 4  
Wireless Device Memory Diagram



**REPLACEMENT SHEET**

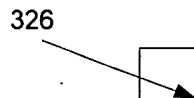
**Title: SYSTEM AND METHOD FOR COMPACTING FIELD UPGRADEABLE  
WIRELESS COMMUNICATION DEVICE**

**Inventor(s): RAJARAM, Gowri and KAPLAN, Diego**

**Attorney Docket No.: UTL 00103**

**Figure 5**  
**Code Section Address Table**

326



Code Section Address Table	
IDENTIFIERS	ADDRESSES
CS_1	Start Address 1 (00100)
CS_2	Start Address 2 (00200)
...	...
CS_n	Start Address n (00700)
PM	Start Address p (01000)

REPLACEMENT SHEET

Title: SYSTEM AND METHOD FOR COMPACTING FIELD UPGRADEABLE  
WIRELESS COMMUNICATION DEVICE

Inventor(s): RAJARAM, Gowri and KAPLAN, Diego

Attorney Docket No.: UTL 00103

Figure 6  
Symbol Library 1

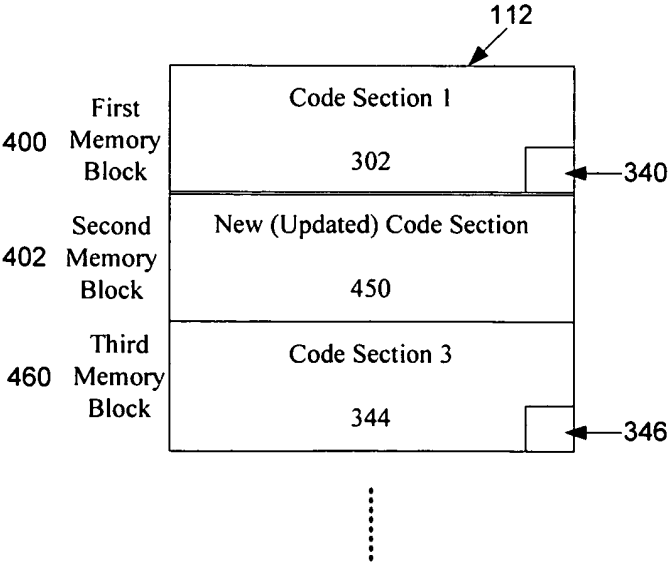
	0	1	2	3	4	5	6	7
0				X				
1						Y		
⋮								
⋮								
⋮								
n					Z			

310

Figure 7  
Symbol Offset Address  
Table

Symbol Offset Address Table		
Symbol ID	Code Section ID	Offset
X_1	CS_1	03
Y_1	CS_1	15
P_1	CS_2	11
Q_1	CS_2	33
AA_3	CS_2	47
⋮	⋮	⋮

Figure 8  
Exemplar  
Compacting  
Results



# REPLACEMENT SHEET

Title: SYSTEM AND METHOD FOR COMPACTING FIELD UPGRADEABLE  
WIRELESS COMMUNICATION DEVICE

Inventor(s): RAJARAM, Gowri and KAPLAN, Diego

Attorney Docket No.: UTL 00103

Figure 9a  
Exemplar  
Compaction  
Action

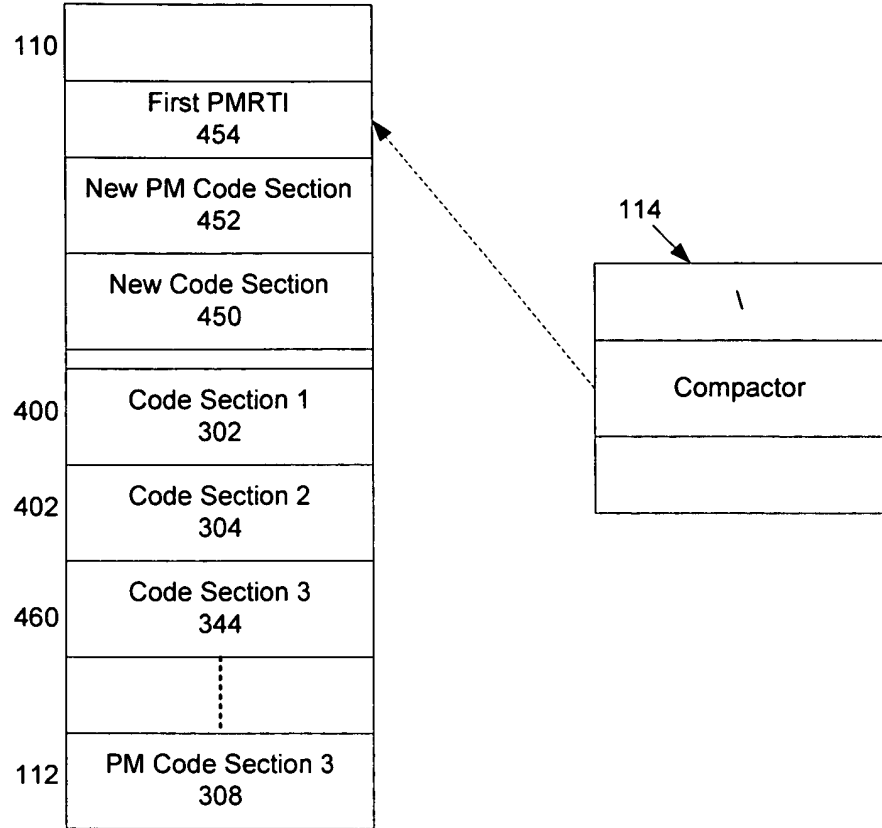
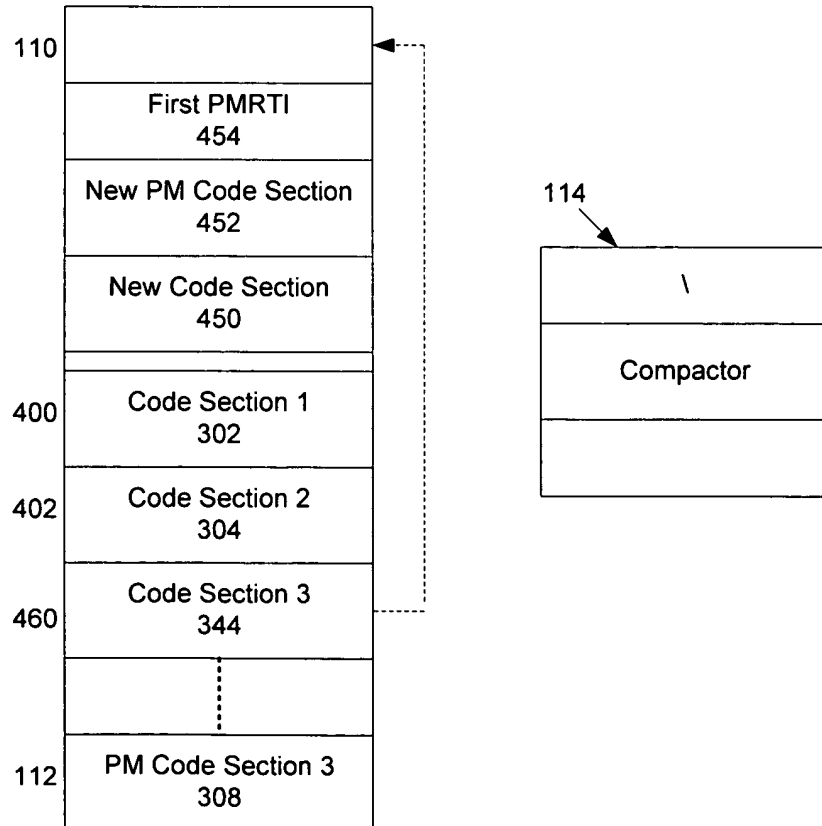


Figure 9b  
Exemplar  
Compaction  
Action





# REPLACEMENT SHEET

Title: SYSTEM AND METHOD FOR COMPACTING FIELD UPGRADEABLE  
WIRELESS COMMUNICATION DEVICE

Inventor(s): RAJARAM, Gowri and KAPLAN, Diego

Attorney Docket No.: UTL 00103

Figure 9c  
Exemplar  
Compaction  
Action

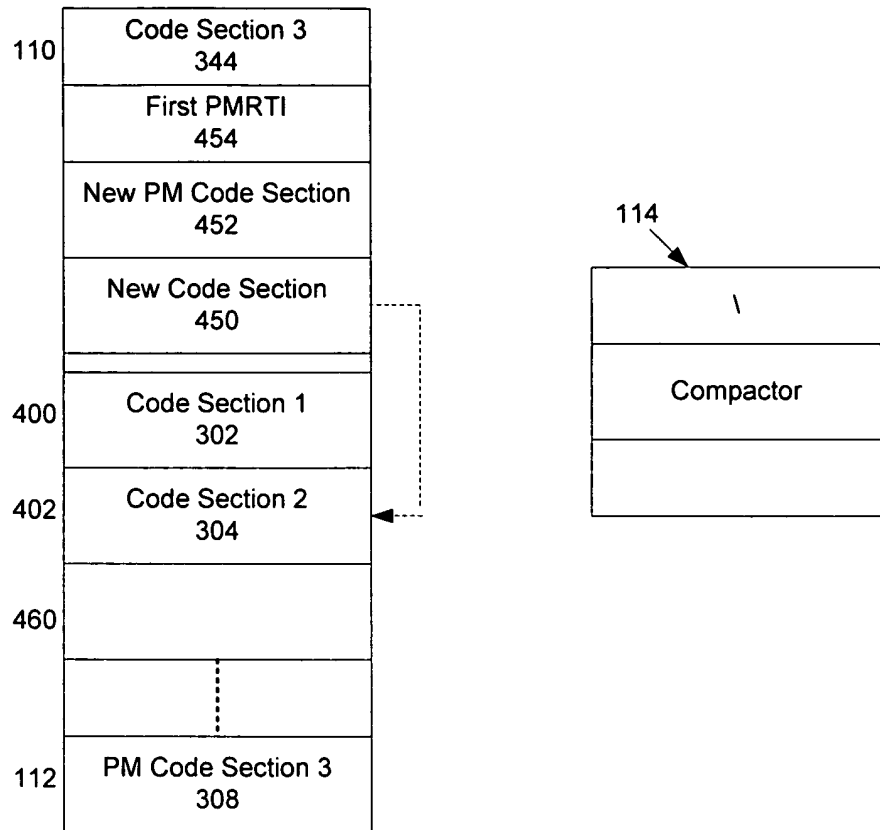
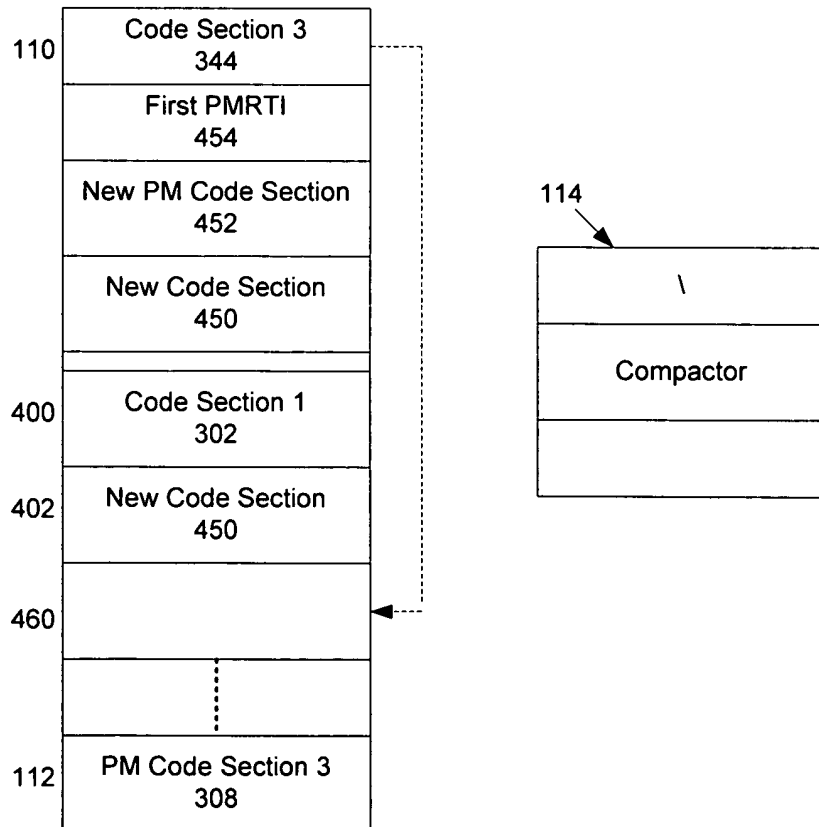


Figure 9d  
Exemplar  
Compaction  
Action



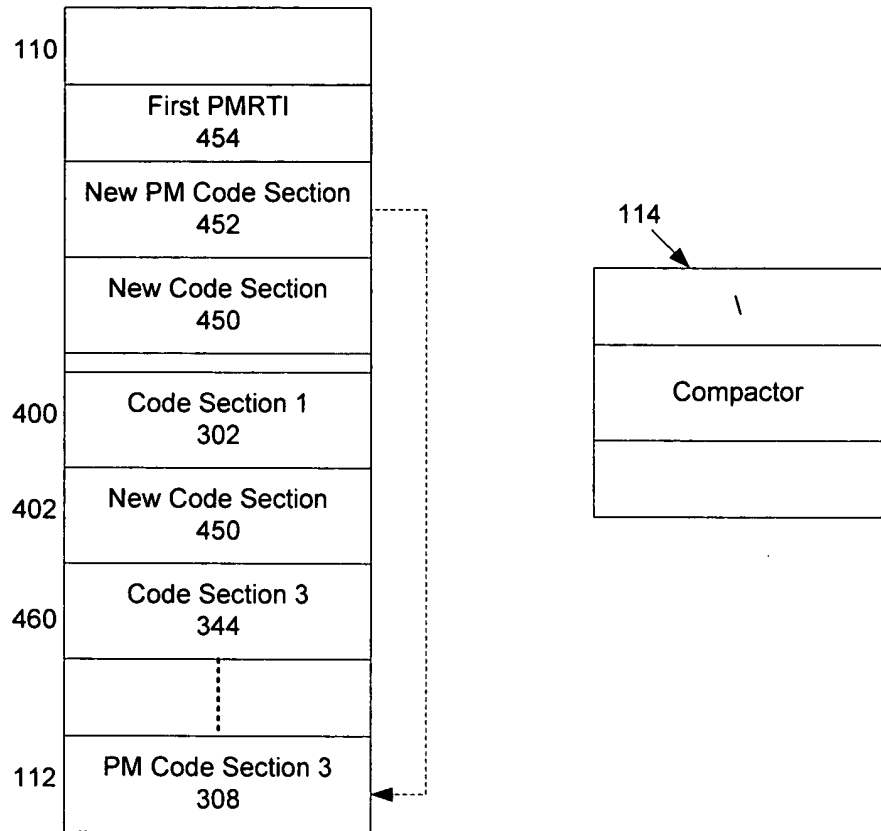
**REPLACEMENT SHEET**

**Title: SYSTEM AND METHOD FOR COMPACTING FIELD UPGRADEABLE  
WIRELESS COMMUNICATION DEVICE**

**Inventor(s): RAJARAM, Gowri and KAPLAN, Diego**

**Attorney Docket No.: UTL 00103**

**Figure 9e  
Exemplar  
Compaction  
Action**



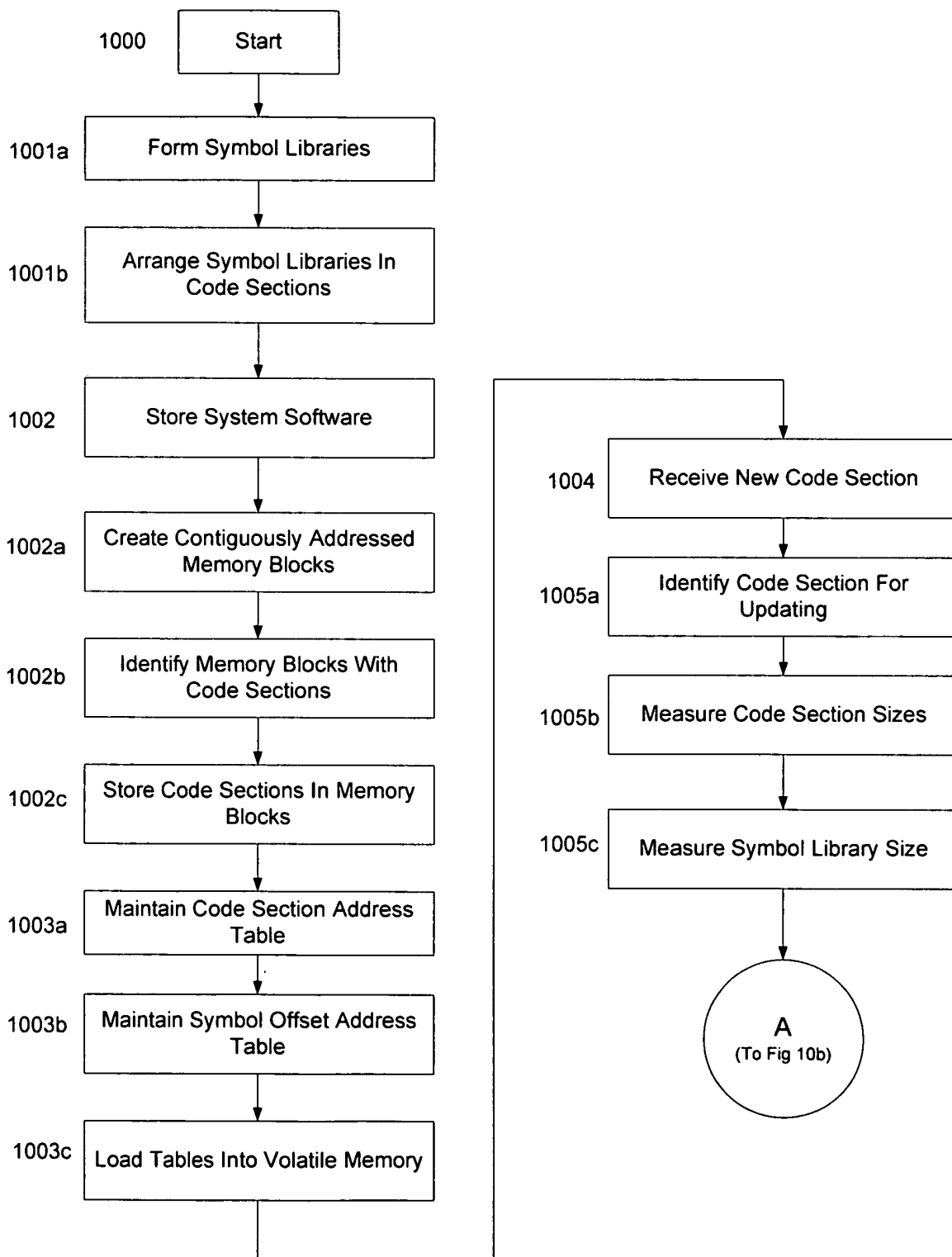
REPLACEMENT SHEET

Title: SYSTEM AND METHOD FOR COMPACTING FIELD UPGRADEABLE  
WIRELESS COMMUNICATION DEVICE

Inventor(s): RAJARAM, Gowri and KAPLAN, Diego

Attorney Docket No.: UTL 00103

Figure 10a  
Reorganizing Software In A  
Wireless Communications  
Device



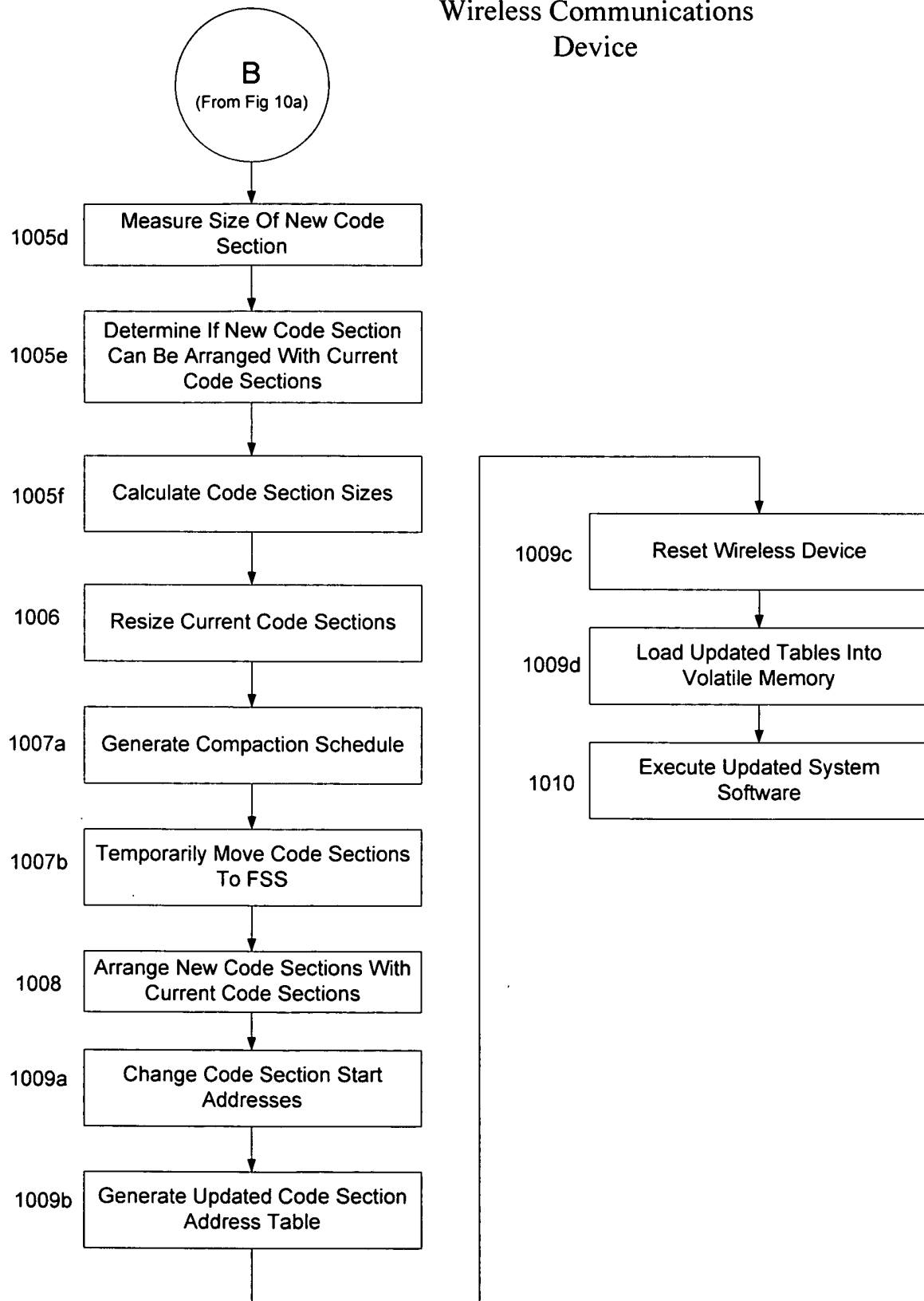
# REPLACEMENT SHEET

Title: SYSTEM AND METHOD FOR COMPACTING FIELD UPGRADEABLE  
WIRELESS COMMUNICATION DEVICE

Inventor(s): RAJARAM, Gowri and KAPLAN, Diego

Attorney Docket No.: UTL 00103

Figure 10b  
Reorganizing Software In A  
Wireless Communications  
Device



# REPLACEMENT SHEET

Title: SYSTEM AND METHOD FOR COMPACTING FIELD UPGRADEABLE  
WIRELESS COMMUNICATION DEVICE

Inventor(s): RAJARAM, Gowri and KAPLAN, Diego

Attorney Docket No.: UTL 00103

Figure 11  
Further Exemplar For  
Reorganizing Software In A  
Wireless Communications  
Device

